

MAR 11 2005

IFW



PATENT  
Attorney Docket No. TAV-2044/030631

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Lippard et al. :  
Serial No. 10/656,918 : Title:  
Filing Date: 05 September 2003 : COBALT-NICKEL-CHROMIUM-  
MOLYBDENUM ALLOYS WITH  
REDUCED LEVEL OF TITANIUM  
NITRIDE INCLUSIONS

INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15222  
10 March 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

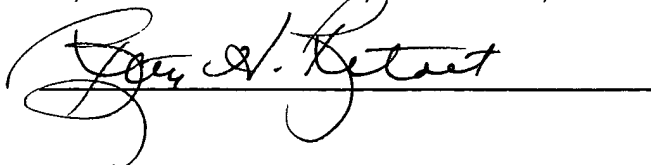
Sir:

Applicants, in accordance with the duty of disclosure pursuant to 37 C.F.R.  
§ 1.56, hereby advise the United States Patent and Trademark Office of the reference  
listed on the accompanying form PTO/SB/08A (substitute for 1449A/PTO) *Information  
Disclosure Statement by Applicant.*

"Express Mail" mailing label number ED249803405US

Date of Deposit March 10, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post  
Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:  
Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.



Applicants note that although the cited reference may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Also, by filing this Information Disclosure Statement, Applicants do not necessarily concede that the cited reference is prior art to the above-referenced application.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Mark R. Leslie", written over a horizontal line.

Mark R. Leslie  
Registration No. 36,360

Kirkpatrick & Lockhart Nicholson Graham LLP  
Henry W. Oliver Building  
535 Smithfield Street  
Pittsburgh, Pennsylvania 15222-2312

(412) 355-6271  
(412) 355-6501 (FAX)



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/656,918		
		Filing Date	05 September 2003		
		First Named Inventor	Lippard		
		Art Unit			
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	TAV-2044/030631

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		2004/0267107 A1	12-30-2004	Lessar et al.	
		5,760,341	06-02-1998	Laske et al.	
		5,433,744	07-18-1995	Breyen et al.	
		5,423,881	06-13-1995	Breyen et al.	
		5,411,545	05-02-1995	Breyen et al.	
		5,246,014	09-21-1993	Williams et al.	
		4,355,646	10-26-1982	Kallok et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

PI-1326324 v1 0215785-0279

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/656,918		
		Filing Date	05 September 2003		
		First Named Inventor	Lippard		
		Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	TAV-2044/030631

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

PI-1326324 v1 0215785-0279

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.